

Adopt Article Title.

Article 4. Fuel Gas Requirements

Adopt and Amend Proposed Section 1200 as section 2200.

§[1200] 2200. Application and Scope.

(a) The requirements of this article shall apply to the construction, installation, arrangement, alteration, use, maintenance, and repair, of fuel gas equipment and installations for supplying fuel gas to ~~mobile homes~~ parks, and units in all parts of the state.

~~1634(b)~~(b) Existing construction, connections, and installations of fuel gas made before the effective date of the requirements of this chapter may continue in use so long as they were in compliance with requirements in effect at the date of their installation and are not found to be unsafe.

NOTE: Authority cited: Sections 18865, 18872 and 18873.4, and Health and Safety Code. Reference: Section 18872 and 18873.4, Health and Safety Code.

Adopt Proposed Section 1206 as Section 2206.

§[1206] 2206. Federal Regulations.

A ~~mobile home park gas piping system~~ is a distribution system that is subject to the ~~Natural Gas Pipeline Safety Act~~ Law of 1968~~1994~~ and regulations adopted by the Office of Pipeline Safety Operations. The applicable regulations are contained in Title 49 of the Code of Federal Regulations, Parts 191 and 192.

(a) The operator of a ~~mobile home park gas piping system~~ is responsible for complying with the federal regulations in addition to ~~these regulations~~. this chapter. A permit is not required from the enforcement agency for the installation of cathodic protection if the existing gas piping system is not otherwise altered.

~~These regulations shall permit~~ This chapter does not prohibit the installation of cathodic protection systems and requirements for corrosion control of buried or submerged metallic gas piping systems required by the federal regulations in existing systems. If there is any conflict between the provisions of ~~these regulations~~ this chapter and the federal regulations, the provisions of the federal regulations shall prevail.

~~(a)(b)~~ When it is planned to install a metallic gas piping system, pPlans and specifications for the installation of a metallic gas piping system shall specify methods of protecting buried or submerged pipe from corrosion, including cathodic protection, unless it can be demonstrated that a corrosive environment does not exist in the area of installation. The design and installation of a cathodic protection system shall be carried out by, or under the direction of, a person qualified by experience and training in pipeline corrosion methods so that the cathodic protection system meets the requirements of Title 49 of the Code of Federal Regulations, Parts 191 and 192.

~~(b)(1) Protective Coating.~~ All buried or submerged metallic gas piping shall be protected from corrosion by approved coatings or wrapping materials. All gas piping protective coatings shall be approved types, machine applied, and conform to recognized standards. Field wrapping shall provide equivalent protection and is restricted to those short sections and fittings necessarily stripped for threading or welding. Risers shall be coated or wrapped to a point at least six inches above ~~ground~~. grade.

~~(c)(2)~~ (2) All metallic gas piping systems shall be installed in accordance with ~~approved~~ plans and specifications approved by the enforcement agency, including provisions for cathodic protection. When the cathodic protection system is designed to protect only the gas piping system, the gas piping system shall be electrically isolated from all other underground metallic systems or installations. When a cathodic protection system is

designed to provide all underground metallic systems and installations with protection against corrosion, all such systems and installations shall be electrically bonded together and protected as a whole.

~~(d)(3) Plastic Pipe.~~ When plastic non-metallic gas piping is installed, underground, locating tape or a No. 18 AWG or larger copper tracer wire shall be installed with and attached to the underground piping for the purpose of locating the piping system. The locating tape or tracer wire shall terminate above grade at an accessible location at one or more ends of the piping system. ~~Other approved locating methods may be accepted.~~ Every portion of a plastic gas piping system ~~consisting of~~ incorporating metallic pipe risers or fittings shall be cathodically protected against corrosion.

NOTE: Authority cited: Section 18865, Health and Safety Code. Reference: Section 18873.4, Health and Safety Code.

Adopt Proposed Section 1208 as Section 2208.

~~§[1208]~~ 2208. Basic Fuel Gas Regulations.

(a) Except as otherwise permitted or required by this article, all fuel gas equipment and installations for supplying fuel gas to ~~mobilehome~~ units or accessory buildings or structures, and fuel gas piping systems outside of permanent buildings in ~~mobilehome~~ parks shall comply with the requirements found in ~~of Chapter 12, 1985 edition of the California Uniform Plumbing Code, Chapter 12, which is hereby incorporated by reference.~~

(b) The requirements for All fuel gas equipment and installations within permanent buildings in ~~mobilehome~~ parks shall comply with ~~are located in~~ the California Administrative Code, Title 24, Part 4 California Mechanical Code, and the California Plumbing Code unless preempted by this chapter. However, except in a City, County, or City and County, which has adopted and is enforcing a assumed responsibility for enforcement of the Mobilehome Parks Act, pursuant to sections 18300 and 18865 of the Health and Safety Code, and has adopted and is enforcing a plumbing and mechanical code equal to or greater than the requirements of this article Title 24 parts 4 and 5, may enforce its code as it pertains to permanent buildings.

NOTE: Authority cited: Sections 18865 and 18873.4, Health and Safety Code. Reference: Section 18873.4, Health and Safety Code.

Adopt Proposed Section 1210 as Section 2210.

~~§[1210]~~ 2210. Liquefied Petroleum Gas (LPG).

All liquefied petroleum gas equipment and installations, exceeding 125 US gallons, shall comply with the applicable provisions of the Unfired Pressure Vessel Safety Orders, California Code of Regulations, Title 8, ~~California Administrative Code~~, Chapter 4, Subchapter 1, unless preempted by these regulations.

NOTE: Authority cited: Sections 18865 and 18873.4, Health and Safety Code. Reference: Section 18873.4, Health and Safety Code.

Adopt Proposed Section 1211 as Section 2211.

§[1211] 2211. LPG-Gas Containers. Tanks.

(a) LPG tank installations in parks must conform to the provisions related to LPG tanks contained in Article 82 of the California Fire Code, which is hereby incorporated by reference.

1664(b) Units designed and constructed with~~In addition to securely~~ mounted tanks, containers~~a mobilehome may have two additional vessels installed on the lot. The mobilehome may be served by either the vehicle containers or vessels on the lot~~ lot or mounted tanks, but not by both at the same time.

(c) A permit from the enforcement agency is required to install any LPG fuel tanks exceeding 60 U. S. gallons.

(d) LPG tanks shall be designed and constructed in accordance with nationally recognized standards for unfired pressure vessels.

NOTE: Authority cited: Section 18865, Health and Safety Code. Reference: Section 18873.4, Health and Safety Code.

Adopt Proposed Section 1212 as Section 2212.

§[1212] 2212. Prohibited Location of Tanks.

No liquefied petroleum gas ~~vessel~~ tank shall be stored or located inside of or beneath any storage cabinet, cabana, awning, carport, ramada, accessory building or structure, building component, mobilehome, unit, or any other structure in a ~~mobilehome~~ park unless installed on a recreational vehicle in accordance with ANSI standard A119.2.

Exception: A motor-driven vehicle containing a liquefied petroleum gas system may be located beneath a carport when parked in accordance with the provisions of section 2118 of this chapter.

NOTE: Authority cited: Section 18865, Health and Safety Code. Reference: Section 18873.4, Health and Safety Code.

Adopt and Amend Proposed Section 1216 as Section 2216.

§[1216] 2216. Installation.

(a) All gas piping installed below ground shall have a minimum earth cover of 18 inches and installed with at least 12 inches of clearance from any other underground utility system.

(b) Gas piping shall not be installed underground beneath buildings, concrete slabs or other paved areas of a lot directly abutting the unit, or that portion of the mobilehome lot reserved for the location of mobilehomes units, or mobilehome accessory buildings or structures, unless installed in a gastight conduit.

~~(c)~~(1) The conduit shall be pipe approved for installation underground beneath buildings and not less than schedule 40 pipe. The interior diameter of the conduit shall be not less than one-half (1/2) inch larger than the outside diameter of the gas piping.

~~(d)~~(2) The conduit shall extend to a point not less than 12 inches beyond any area where it is required to be installed, any potential source of ignition or area of confinement, or the outside wall of a building, and the outer ends of the conduit shall not be sealed. Where one end of the conduit terminates within a building, it shall be readily accessible and the space between the conduit and the gas piping shall be sealed to prevent leakage of gas into the building.

~~(e)(c)~~ A carport, or awning roof may extend over an individual mobilehome lot gas piping lateral and outlet riser, provided the completed installation complies with all other requirements of this subchapter and the covered area is ventilated to prevent the accumulation of gas.

(d) The use of gas piping in parks constructed prior to June 25, 1976, that was originally installed under the area to be occupied by the unit or accessory building or structure, may be continued provided the piping is maintained in a safe operating condition.

NOTE: Authority cited: Section 18865, Health and Safety Code. Reference: Section 18873.4, Health and Safety Code.

Adopt Proposed Section 1218 as Section 2218.

§[1218] 2218. Park Gas System Shutoff Valve.

A readily accessible and identified shutoff valve controlling the flow of gas to the entire park gas piping system shall be installed at the point of connection to the service piping or supply connection. ~~of a liquefied petroleum gas tank.~~

NOTE: Authority cited: Section 18865, Health and Safety Code. Reference: Section 18873.4, Health and Safety Code.

Adopt Proposed Section 1220 as Section 2220.

§[1220] 2220. Mobilehome Lot Gas Shutoff Valve.

(a) Each mobilehome lot shall have an approved gas shutoff valve, listed for its intended use by a department-approved listing agency, installed in a readily accessible location upstream of the mobilehome lot gas outlet.

(b) The valve shall be located on the mobilehome lot gas riser outlet at a height of not less than six (6) inches above grade.

(c) The lot gas shutoff valve shall not be located under or within any ~~mobilehome~~ unit, or accessory building or structure.

EXCEPTION: gas shut-off valves may be located under a carport complying with section 2478 of this chapter.

(d) Whenever the mobilehome lot gas riser outlet is not in use, ~~the outlet~~ it shall be closed with an approved cap or plug to prevent accidental discharge of gas.

NOTE: Authority cited: Section 18865, Health and Safety Code. Reference: Section 18873.4, Health and Safety Code.

Adopt Proposed Section 1222 as Section 2222.

§[1222] 2222. Mobilehome-Lot Gas Outlet.

~~(a) Each mobilehome lot piped for gas shall be provided with an individual lot gas outlet at the mobilehome lot.~~

~~(b)(a)~~ The mobilehome lot gas riser outlet shall terminate within four (4) feet outside the rear half of the unit mobilehome with respect to the location, or proposed location of the unit mobilehome on the lot.

(b) Each unit shall be connected to the gas riser outlet by a listed flexible gas connector in accordance with section 2354 of this chapter.

NOTE: Authority cited: Section 18865, Health and Safety Code. Reference: Section 18873.4, Health and Safety Code.

Adopt Proposed Section 1226 as Section 2226.

§[1226] 2226. Gas Meters.

(a) When gas meters are installed, they shall not depend on the gas riser outlet ~~riser~~ for support, ~~but Gas meters~~ shall be adequately supported by a post and bracket or by other ~~approved means, approved by the enforcement agency providing equivalent support.~~

(b) Meters shall not be installed beneath ~~mobilehomes, units,~~ in unventilated or inaccessible locations, or closer than three feet from sources of ignition. The ~~mobilehome unit~~ electrical service equipment shall not be considered a source of ignition, when not enclosed in the same compartment with a gas meter.

(c) All gas meter installations shall be provided with a ~~shut-off~~ shutoff valve or cock located adjacent to and on the inlet side of the meter. In the case of a single meter installation utilizing a liquefied petroleum gas tank, the tank service valve may be used in lieu of the ~~shut-off~~ shutoff valve or cock.

(d) Each meter installed shall be in an readily accessible location and shall be provided with unions or other fittings so as to be easily removed and replaced ~~in while maintaining an upright position.~~

~~(e) When a permit to install mobilehome lot gas equipment includes a gas meter, the enforcement agency shall notify the County Sealer of Weights and Measures.~~

(e) Parks constructed after January 1, 1997, that have individual gas meters for each lot shall be served by gas distribution facilities owned, operated, and maintained by the gas corporation providing gas service in the area, in accordance with Public Utilities Code section 2791.

NOTE: Authority cited: Sections 18865 and 18873.4, Health and Safety Code. Reference: Section 18873.4, Health and Safety Code.

Adopt Proposed Section 1228 as Section 2228.

§[1228] 2228. Mechanical Protection.

(a) Where subject to physical damage from vehicular traffic or other causes, all gas riser outlets, ~~risers,~~ regulators, meters, valves, tanks or other exposed equipment shall be protected by posts, fencing, or other ~~permanent~~ barriers approved by the enforcement agency.

~~(b) Atmospherically controlled regulators shall be installed in such a manner that moisture cannot enter the regulator vent and accumulate above the diaphragm. Where the regulator vent may be obstructed because of snow or icing conditions, a shield, hood, or other approved device shall be provided to guard against closing the vent opening.~~

NOTE: Authority cited: Section 18865, Health and Safety Code. Reference: Section 18873.4, Health and Safety Code.

Adopt Proposed Section 1229 as Section 2229.

§[1229] 2229. Regulator and Relief Vents.

~~1228(b)~~ Atmospherically controlled regulators shall be installed in such a manner that moisture cannot enter the regulator vent and accumulate above the diaphragm. Where the regulator vent may be obstructed because of

snow or icing conditions, a shield, hood, or other ~~approved device~~ approved by the enforcement agency shall be provided to guard against closing the vent opening.

NOTE: Authority cited: Section 18865, Health and Safety Code. Reference: Section 18873.4, Health and Safety Code.

Adopt Proposed Section 1230 as Section 2230.

~~§1230~~ 2230. Required Gas Supply.

(a) The minimum hourly volume of gas required at each ~~mobilehome~~ lot outlet, or any section of a ~~mobilehome~~ park gas piping system shall be calculated as shown in Table ~~1234-1~~2230-1.

(b) Required gas supply for other fuel gas consuming appliances connected to the ~~mobilehome~~ park gas piping system shall be calculated as provided in ~~Chapter 12 of the 1979 edition of the Uniform California Plumbing Code, Chapter 12, published by the International Association of Plumbing and Mechanical Officials.~~

TABLE 1234-1 2230-1	
Demand Factors for Use in Calculating Gas Piping Systems in Mobilehome Parks	
Number of Mobilehome Lots	BTU Per Hours Per Mobilehome Lot
1	125,000
2	117,000
3	104,000
4	96,000
5	92,000
6	87,000
7	83,000
8	81,000
9	79,000
10	77,000
11-20	66,000
21-30	62,000
31-40	58,000
41-60	55,000
Over 60	50,000

NOTE: Authority cited: Section 18865, Health and Safety Code. Reference: Section 18873.4, Health and Safety Code.

Adopt Proposed Section 1232 as Section 2232.

~~§[1232]~~ 2232. Gas Pipe Size.

The size of each section of a gas piping system shall be calculated as provided in ~~Chapter 12 of the 1979 edition of the Uniform California~~ Plumbing Code, Chapter 12 or by other standard engineering methods acceptable to the enforcement agency.

NOTE: Authority cited: Section 18865, Health and Safety Code. Reference: Section 18873.4, Health and Safety Code.

Adopt Proposed Section 1236 as Section 2236.

~~§[1236]~~ 2236. Authority to Order Disconnect of Fuel Gas Equipment.

~~(a) The enforcement agency is authorized to order~~ shall require the gas utility or person supplying gas to a ~~mobile home park~~ to disconnect any gas piping or equipment found to be defective and in such condition as to endanger life or property.

(b) Gas piping or equipment which has been ordered disconnected by the enforcement agency shall not be reconnected to a gas supply until a permit has been obtained to alter or reconstruct the gas piping and the ~~completed~~ work has been inspected and approved by the enforcement agency.

NOTE: Authority cited: Section 18865, Health and Safety Code. Reference: Sections 18871 and 18873.4, Health and Safety Code.